

**Notice of Allowability**

Application No.

09/653,147

Examiner

Kimberly D Flynn

Applicant(s)

RYU, YEON-SEUNG

Art Unit

2153

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to an Amendment filed July 19, 2004.
2. ☒ The allowed claim(s) is/are 1-11.
3. ☐ The drawings filed on \_\_\_\_\_ are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☒ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date 5-14-2003.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
**FRANTZ B. JEAN**  
**PRIMARY EXAMINER**

## **DETAILED ACTION**

### ***Allowable Subject Matter***

1. Claims 1-11 are allowed.

## **EXAMINER'S AMENDMENT**

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with David Rosenblum on October 29, 2004.

### **The application has been amended as follows:**

#### ***In the claims:***

- In step (b), line 7 of claim 6, the phrase “, even when said second terminal is not registered in said gatekeeper” has been added between the term “terminal” and the “semicolon” at the end of the sentence.
- In step (d), line 12 of claim 6, the phrase “when said remote access server point-to-point connects, and assigns an IP address, to said second terminal by calling said second terminal over said circuit network,” has been added to the beginning of the limitation before the term “registering”.
- In step (d), line 12 of claim 6, the term “information” between “address” and “of” has been deleted.

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- In line 2, of claim 8, the term “information” between “address” and “of” has been deleted.
- In line 3, of claim 11, the term “information” between “address” and “of” has been deleted.

3. The following is an examiner’s statement of reasons for allowance:

Applicant’s invention is drawn to a method of establishing communication between a terminal coupled to an Internet Protocol (IP) network and a terminal coupled (via Point-to-Point Protocol (PPP) to a remote access server, in particular, the applicant’s invention relates to a communication protocol between a gatekeeper and a remote access server.

Applicant’s independent claims 1 and 6, each recite, inter alia, a method for enabling a first terminal of a packet-based network to communicate with a second terminal accessible by a remote access server, comprising the steps of:

registering the aliases and IP addresses of the first terminal and said remote access server in a gatekeeper connected to said packet-based network; transmitting from said first terminal to said gatekeeper a message for requesting a connection with said second terminal; causing said gatekeeper to request said remote access server to connect with said second terminal even when said second terminal is not registered in said gate keeper; when the remote access server point-to-point connects, and assigns an IP address, to said second terminal by calling said second terminal over a circuit network, causing said second terminal to register the alias and the IP address of said second terminal in said gatekeeper; and, establishing communication between said first terminal and said second

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terminal via said gatekeeper. Applicant's invention of claims 1 and 6 comprise a particular combination of elements, which is neither taught nor suggested by the prior art of record.

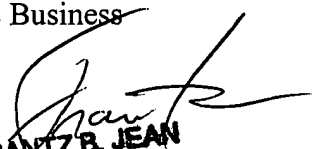
Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimberly D Flynn whose telephone number is 703-308-7609. The examiner can normally be reached on M-F 8:30 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glen Burgess can be reached on 703-305-4792. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
FRANTZ B. JEAN  
PRIMARY EXAMINER

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KDF